

Southern California Association of Governments
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2018

	TOTAL	PRIOR	18/19	19/20	20/21	21/22	22/23	PE	RW	CON
SHOPP - Bridge Preservation										
Bridge - State (HBRR)	\$529,475	\$41,625	\$135,469	\$111,823	\$75,544	\$165,014		\$111,127	\$58,339	\$360,009
National Hwy System	\$30,251	\$24,782	\$508		\$1,498	\$3,463		\$26,783	\$27	\$3,441
TOTAL	\$559,726	\$66,407	\$135,977	\$111,823	\$77,042	\$168,477		\$137,910	\$58,366	\$363,450
SHOPP - Collision Reduction										
National Hwy System	\$192,856	\$20,509	\$68,930	\$27,376	\$33,368	\$42,673		\$50,110	\$2,038	\$140,708
Surface Transportation Program	\$762,892	\$74,026	\$210,661	\$296,871	\$63,670	\$117,664		\$133,697	\$39,257	\$589,938
TOTAL	\$955,748	\$94,535	\$279,591	\$324,247	\$97,038	\$160,337		\$183,807	\$41,295	\$730,646
SHOPP - Emergency Response										
National Hwy System	\$142,471	\$13,305	\$11,687	\$77,692	\$13,416	\$26,371		\$29,137	\$10,299	\$103,035
TOTAL	\$142,471	\$13,305	\$11,687	\$77,692	\$13,416	\$26,371		\$29,137	\$10,299	\$103,035
SHOPP - Mandates										
National Hwy System	\$708,921	\$61,694	\$163,911	\$158,623	\$87,166	\$237,527		\$175,856	\$60,997	\$472,068
TOTAL	\$708,921	\$61,694	\$163,911	\$158,623	\$87,166	\$237,527		\$175,856	\$60,997	\$472,068
SHOPP - Misc										
State Cash	\$80,133	\$259	\$6,056	\$12,855	\$3,140	\$57,823		\$13,104	\$6,093	\$60,936
TOTAL	\$80,133	\$259	\$6,056	\$12,855	\$3,140	\$57,823		\$13,104	\$6,093	\$60,936
SHOPP - Mobility										
National Hwy System	\$383,740	\$28,191	\$109,868	\$135,002	\$51,919	\$58,760		\$66,693	\$33,861	\$283,186
State Cash	\$30,332	\$3,548	\$14,005	\$3,461	\$7,724	\$1,594		\$9,629	\$183	\$20,520
TOTAL	\$414,072	\$31,739	\$123,873	\$138,463	\$59,643	\$60,354		\$76,322	\$34,044	\$303,706
SHOPP - Roadside Preservation										
National Hwy System	\$25,158	\$1,565	\$9,925	\$8,747	\$4,921			\$4,942	\$7,665	\$12,551
TOTAL	\$25,158	\$1,565	\$9,925	\$8,747	\$4,921			\$4,942	\$7,665	\$12,551
SHOPP - Roadway Preservation										
National Hwy System	\$1,694,468	\$135,260	\$608,217	\$305,204	\$398,801	\$246,986		\$319,154	\$48,420	\$1,326,894
TOTAL	\$1,694,468	\$135,260	\$608,217	\$305,204	\$398,801	\$246,986		\$319,154	\$48,420	\$1,326,894
MPO TOTAL	\$4,580,697	\$404,764	\$1,339,237	\$1,137,654	\$741,167	\$957,875		\$940,232	\$267,179	\$3,373,286

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MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Bridge Preservation									
	10900003785	LA	07	30560	1	In the city of Los Angeles, at Wilmington Overhead No. 53-0352. Paint and repair bridge deck.	1,542	448	4,709
	10900003457	LA	07	29140	1	In Malibu, from Guernsey Avenue to Trancas Canyon Road/Broad Beach Road. Replace bridge.	4,465	30,740	14,728
	10900004045	LA	07	32870	10	In El Monte, at Peck Road Undercrossing No. 53-0661. Paint steel portion of bridge for preventative maintenance to preserve and extend the life of bridge.	691	35	2,154
	10900003810	LA	07	31790	101	Near Encino, at Encino Pedestrian Overcrossing. Replace pedestrian overcrossing.	4,238	1,567	8,046
	10900003841	LA	07	31680	10S	In El Monte, at Rio Hondo Busway Bridge No. 53-2637. Replace bridge deck.	1,896	42	4,180
	10900003824	LA	07	29180	134	In Pasadena, at Orange Grove Boulevard-E134/134 Overcrossing No. 53-2269S; also on Route 710, at Union Street Overcrossing No. 53-2537 (PM R32.5). Bridge seismic retrofit and bridge rail upgrade.	2,400	83	7,360
	10900003832	LA	07	30930	210	In Los Angeles County, on Routes 210, 405 and 605 at various locations. Bridge seismic retrofit and bridge rail upgrade at five locations.	1,362	150	7,995
	10900004047	LA	07	32100	405	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB LA-605 to NB I-405 connector Bridge No. 53-1737H; also in Orange County on I-405 at the SB 405 to NB 605 connector Bridge No. 55-0413F; 12-Ora-405-PM 24.1. Retrofit	8,980	554	21,671
	10900003835	LA	07	30480	405	In Carson, at Dolores Yard Overhead No. 53-1168. Upgrade bridge drainage system.	826	598	1,925
	10900004003	LA	07	34210	5	In Los Angeles County, at various locations. Establish standard vertical clearance. ACCELERATED BRIDGE (PA&ED Only)	15,640	0	0
	10900003792	LA	07	31420	5	In the city of Los Angeles, at Sun Valley Overhead No. 53-1134. Paint bridge and replace deck drain systems.	1,700	249	9,000
	10900004046	LA	07	34330	60	In the City of Industry at Hacienda Boulevard Undercrossing (UC) No. 53-1789 (PM 15.93), Stemson Avenue UC No. 53-1784 (PM 16.30), Azusa Avenue Overcrossing No. 53-1785 (PM 17.97) and Fullerton Road UC No. 53-1786 (PM	3,320	0	0
	10900003805	LA	07	30160	91	In Compton, at Compton Creek Bridge Overhead and offramp No. 53-2235 and No. 53-2237S and Artesia-Santa Fe Undercrossing No. 53-2238K; also in Long Beach, on Routes 710 and 110, at Harbor Scenic Drive Overhead No. 53-2934	5,760	200	14,212
	10900003540	ORA	12	0M990	1	In Laguna Beach, at Route 133 (Broadway Street). Replace bridge.	920	1,590	2,150
	10900004207	ORA	12	0Q390	Var	In Costa Mesa, at the Route 55/73 Connector Overcrossing Bridge No. 55-538F (PM 4.74), Route 91 Carmenita Road Pedestrian Overcrossing Bridge No. 55-0473 (PM 0.02) and Route 405 Laguna Canyon Road Overcrossing Bridge No.	3,327	11	20,837
	10900003856	RIV	08	1E570	10	Near Palm Springs, at Whitewater River Bridge No. 56-0004 L/R. Bridge rehabilitation and scour mitigation.	2,598	28	14,699
	10900003855	RIV	08	1E720	10	In Riverside County, on Routes 10 and 91, at various locations; also in San Bernardino County, on Routes 10 and 15, at various locations. Repair bridge decks.	1,010	50	2,132
	10900003857	RIV	08	1F410	10	Near Desert Center, at Palen Ditch Bridge No. 56-0040 R/L. Bridge rail replacement.	481	20	3,413
	10900003865	RIV	08	1C680	74	In and near the cities of Lake Elsinore, Perris, Menifee and Hemet, at Leach Canyon Channel Bridge No. 56-0750 and Blue Ridge Wash Bridge No. 56-0257; also on Routes 79 and 371, at Arroyo Seco Bridge No. 56-0189, Temecula Creek	3,205	130	9,045
	10900004050	SBD	08	1J210	10	In San Bernardino County, at the Etiwanda San Sevain FCC Br. No. 54-0454L, Colton Overhead No. 54-0464R; also on Route 60, at Ramona Avenue Overcrossing No. 54-0745 (PM R1.37). In Riverside County, on Route 10 at	5,822	0	0
	10900003898	SBD	08	1F730	215	In Colton, from 0.3 mile south to 0.3 mile north of Washington Avenue Overcrossing No. 54-0530. Replace overcrossing.	3,995	4,022	19,661
	10900004048	VEN	07	31960	1	Near the city of Ventura, at Ventura Overhead No. 52-0040. Replace corroded steel spans of bridge and upgrade bridge railing to current standards.	3,700	1,523	5,215
	10900003843	VEN	07	29650	1	Near Sea Cliff, at Willow Creek Bridge No. 52-003; also in Ojai, on Route 33 at North Fork Matilija Bridges No. 52-0044 (PM 15.8) and No. 52-0173 (PM16.1). Upgrade bridge railings to meet current standards.	3,258	1,283	4,657
	10900003497	VEN	07	29130	33	Near Oak View, at San Antonio Creek Bridge No. 52-0065. Scour mitigation and bridge rail upgrade.	2,752	3,350	3,920
	10900004049	VEN	07	32300	33	Near Ojai, at North Fork Matilija Creek No. 52-0173. Paint steel portion of bridge and replace missing rivets of bottom flanges for preventative maintenance to preserve and extend the life of bridge.	1,170	80	1,280
	10900004179	LA	07	32590	5	Near Kern County line, at the Tejon Pass Overcrossing No. 53-1779. Seismic retrofit of bridge, widen bridge abutments, add steel casing to bent columns, retrofit bent foundation and install micro piles.	2,200	450	3,300
	10900004063	LA	07	31900	10	In the city of Los Angeles, at the Normandie Avenue Undercrossing Bridge No. 53-1565. Strengthen girders with epoxy and reinforcement steel.	2,001	27	3,441
	10900004144	LA	07	32830	10	In the city of El Monte, from Baldwin Avenue Overcrossing to Route 605 at Rio Hondo Bridge No. 53-657, East El Monte Overhead No. 53-0867 and San Gabriel River Bridge No. 53-109L/R. Replace overhang joints with reinforced concrete	4,740	2,177	11,666
	10900004064	LA	07	31910	91	In Long Beach, at the eastbound Route 91 to northbound Route 710 Connector Bridge No. 53-2241G over connector from northbound Route 710 to eastbound Route 91. Lower profile of connector to achieve standard vertical clearance	3,378	83	5,303

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10900004096	LA	07	32250	103	In the city of Los Angeles, at the Union Pacific Overhead No. 53-2626. Replace the bridge deck with composite reinforced concrete.	4,151	2,106	16,706
10900004151	LA	07	32860	105	In the city of South Gate, at Paramount Boulevard Overcrossing No. 53-2425; also in the city of Downey, at Ardis Avenue Overcrossing No. 53-2572. Remove and install new joint assemblies, apply waterproof coating, replace joint seals and apply	1,150	53	2,362
10900004127	LA	07	32230	110	In the city of Los Angeles, at the 5th Street Overcrossing No. 53-0685 and 6th Street Overcrossing No. 53-0746. Upgrade bridge railing.	2,138	60	5,152
10900004094	LA	07	32240	134	In Pasadena, at the Arroyo Seco Bridge No. 53-0166. Replace/upgrade bridge railing.	3,800	2,730	8,280
10900004198	LA	07	32620	138	In and near Palmdale, Azusa and Pomona, at the California Aqueduct Bridge No. 53-2174; also on Route 39, at the San Gabriel River Bridge No. 53-0113 (PM 17.81) and Route 71 at the Ridgeway Street Undercrossing Bridge No. 53-2052	5,921	589	25,015
10900004201	LA	07	32520	210	In Irwindale, on the San Gabriel River Bridge No. 53-1867. Reconstruct hinge diaphragms at hinge 4 and hinge 6, upgrade bridge railing and reinstall electrolers.	4,726	1,040	22,941
10900004146	RIV	08	1H200	10	Near Desert Center, from Krume Ditch to Wide Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the integrity of twenty-four bridges.	2,199	449	14,088
10900004165	RIV	08	1H190	10	Near Desert Center, from Coxcomb Ditch to Copa Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the structural integrity of sixteen bridges.	2,107	357	9,692
10900004157	RIV	08	1H210	10	Near Blythe, from Rubble Ditch to Palowalla Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the structural integrity of eighteen bridges.	2,380	412	11,564
10900004132	RIV	08	1G470	74	Near Lake Elsinore, at Morrill Canyon Bridge No. 56-0169; also near Hemet, at Strawberry Creek Bridge No. 56-0180 (PM 53.4/54.7). Replace structures/upgrade rails.	2,985	803	9,214
10900004187	SBD	08	1G280	18	In Victorville, at Mojave River Bridge No. 54-0307; also on Route 10, at Colton Overhead No. 54-0464R (PM R22.36); and Route 215 North/Route 10 East Connector Overhead No. 54-0482G (PM 3.72). Various repairs to three bridges.	1,100	162	3,329
10900004052	SBD	08	1G830	40	Near Needles, at the Halfway Hills Wash Bridge No. 54-0799L/R. Retrofit bridge footings, replace and expand Rock Slope Protection (RSP) limits.	3,296	85	12,190
10900004208	LA	07	34340	39	Near Azusa, at the North Fork San Gabriel River Bridge No. 53-2245. Replace bridge.	1,930	30	16,218
10900004264	SBD	08	0R380	40	Near Needles, from Park Moabi Road to Topock Road at the Colorado River Bridge No. 54-0415. Bridge rehabilitation and/or replacement. Caltrans will be the lead agency and will share half of all costs with ADOT as indicated via a	2,650	0	0
SHOPP - Bridge Preservation Total:						137,910	58,366	363,450

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MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Collision Reduction									
	10900004147	IMP	11	41200	8	In and near El Centro, at various locations on Routes 8 and 111. Pave slopes under structures.	970	0	2,641
	10900003454	LA	07	29910	1	In Long Beach, at Lakewood Boulevard (Route 19) and Los Alamitos Traffic Circle. Install pavement delineation, overhead guide signs and associated roadway improvements.	1,506	31	2,933
	10900004241	LA	07	33980	1	In Long Beach, at Atlantic Avenue. Install protected left-turn signal phases for northbound and southbound movements, and upgrade signal poles, mast arms, and hardware.	1,040	103	1,170
	10900003795	LA	07	30420	10	In the cities of Los Angeles and Santa Monica, from Route 1/10 separation bridge to west of Crenshaw Boulevard. Roadside safety improvements.	1,660	78	6,564
	10900004203	LA	07	33260	10	Near Culver City, from Arlington Avenue to Broadway Street. Replace raised islands on mainline and collector-distributor roads with concrete barrier (Type 60) and install new lights from Arlington Avenue to Hoover Street (PM R12.3/14.2).	5,279	339	21,938
	10900003797	LA	07	30430	10	In the city of Los Angeles, from Route 5 to west of Route 710. Roadside safety improvements.	1,239	64	3,613
	10900003808	LA	07	30370	101	In the city of Los Angeles, from Highland Avenue to south of Parkway Calabasas. Upgrade median concrete barrier to meet the current standards.	5,350	54	41,300
	10900003812	LA	07	31640	105	In and near Downey, from Garfield Avenue to east of Woodruff Avenue. Roadside safety improvements.	1,025	60	2,006
	10900003948	LA	07	33160	110	In the city of Los Angeles, at the northbound Route 110 connector to eastbound Route 91. Apply High Friction Bauxite Surface Treatment (HFBST), install high visibility thermoplastic lane and edge lines and upgrade guardrail to current	862	23	2,341
	10900003819	LA	07	30910	110	In the city of Los Angeles, from Vernon Avenue to Route 101. Upgrade Metal Beam Guardrail to Midwest Guardrail System, end treatments, and crash attenuators.	2,586	70	5,877
	10900004025	LA	07	33150	110	In the city of Los Angeles and South Pasadena, between Figueroa Street and Orange Grove Avenue. Convert outside lane to a dynamic lane/shoulder that can switch between the two depending on prevailing traffic conditions. This will	6,570	6,300	30,674
	10900004026	LA	07	32660	110	In Highland Park and South Pasadena, from south of Avenue 60 to north of Avenue of 64. Place High Friction Surface Treatment (HFST).	1,865	26	2,944
	10900003820	LA	07	31070	118	In Mission Hills, from Woodley Avenue to Route 405. Pave areas beyond gore, install access gates, construct maintenance vehicle and shoulder pullouts, upgrade and relocate irrigation systems.	1,176	40	3,681
	10900004027	LA	07	33290	138	In Palmdale, at the intersection of Avenue R-8. Upgrade traffic signal system, curb ramps and install drainage inlets.	1,317	281	1,599
	10900003799	LA	07	31080	14	In and near Santa Clarita, from Route 5 to Canyon Park Boulevard. Construct roadside safety improvements.	1,218	78	4,552
	10900003800	LA	07	31110	14	In and near Lancaster, from Vincent Ramp Undercrossing to Avenue K 8 Overcrossing. Roadside safety improvements.	1,318	78	4,687
	10900003828	LA	07	31100	210	In Pasadena, at the Route 134/210/710 Interchange. Roadside safety improvements.	1,068	60	3,960
	10900003829	LA	07	30360	210	In Pasadena, Arcadia and Monrovia, from Route 710 to Huntington Drive. Roadside safety improvements.	998	61	3,474
	10900003830	LA	07	30190	210	In the cities of Monrovia, Duarte, Irwindale, Azusa and Glendora, from Huntington Drive to Route 57. Roadside safety improvements.	1,490	56	6,740
	10900003467	LA	07	29960	27	Near Glenview, from Entrado Drive to Woodland Crest Drive. Enhance highway worker safety by installing weed control under existing guardrail.	801	10	1,489
	10900003947	LA	07	33270	5	In the City of Los Angeles, at the westbound Route 10 connector to southbound Route 5. Apply High Friction Surface Treatment (HFST) and upgrade lighting.	1,367	25	3,695
	10900003802	LA	07	30180	57	In San Dimas and Glendora, from Route 10 to Route 210. Roadside safety improvements.	1,300	78	3,918
	10900003838	LA	07	30400	605	In and near Industry, from south of Route 60 to Valley Boulevard. Roadside safety improvements.	1,068	60	4,062
	10900003949	LA	07	31880	605	In Irwindale, at the Route 605 northbound ramp to westbound Live Oak Avenue. Realign and widen ramp, construct retaining wall, install concrete barrier and replace guardrail.	1,232	1,353	4,860
	10900004060	LA	07	31920	91	In the cities of Compton, Paramount and Bellflower; also on Route 105 (PM R0.50/R18.14), Route 110 (PM 1.23/R11.89) and Route 405 (PM 0.27/28.51). Construct shoulder rumble strips ground-in indentations where right shoulder is	556	40	2,850
	10900003806	LA	07	30410	91	In Long Beach, Bellflower and Cerritos, from 0.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel River Bridge. Roadside safety improvements.	1,819	138	4,921
	10900004013	ORA	12	0N850	1	In Huntington Beach, at 6th Street; also in Seal Beach at Seal Beach Boulevard (PM 32.7). Modify traffic signals and install additional lighting.	562	922	1,450
	10900004206	ORA	12	0Q280	1	In Huntington Beach, from Seapoint Street to Warner Avenue at Boisa Chica State Beach. Construct rumble strips and install outer separation barrier in southbound direction.	1,120	0	1,640
	10900003775	ORA	12	0N870	133	In Laguna Beach, at and north of Canyon Acres Drive. Extend the northbound lane reduction transition.	1,100	686	1,978

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10900003751	ORA	12	0N060	133	In Laguna Beach, from 1,700 feet south to 1,300 feet north of El Toro Road. Extend lanes in both directions.	3,035	1,780	8,141
10900003921	ORA	12	0N660	133	In and near Laguna Beach and Irvine, from El Toro Road to Route 241. Flatten steep embankments, replace and upgrade guardrail and terminal systems, install thrie-beam median barrier and replace K-rail with concrete barrier.	2,773	70	11,665
10900004028	ORA	12	0P980	22	In Garden Grove, at westbound on ramp from Euclid Street. Overlay with Open Graded Friction Course (OGFC).	381	0	886
10900004029	ORA	12	0P520	22	In the cities of Orange and Santa Ana, from Lewis Street Overcrossing to east of Bristol Street Undercrossing; also on Route 57, from PM 10.9/11.9. Replace concrete median barrier and add lighting in median.	1,838	5	5,072
10900004204	ORA	12	0Q130	261	In Irvine, from Walnut Road to north of northbound Jamboree Road Overcrossing. Install double thrie-beam barrier to prevent cross-median collisions.	412	0	830
10900003951	ORA	12	0P010	39	In Huntington Beach, Westminster and Garden Grove, at the intersections of Heil Avenue (PM 5.14), MacDonald Street (PM 5.30) and Trask Avenue (PM 8.14); also on Route 90 in Brea at the intersection of Castlegate Lane/Placentia Avenue	1,250	784	3,320
10900004030	ORA	12	0Q290	39	In the city of La Habra, at Fashion Square Lane. Modify traffic signal and add lighting.	760	10	1,220
10900003936	ORA	12	0P220	405	In Irvine and Costa Mesa, from Jamboree Road to Route 73. Replace existing temporary railing with permanent concrete barrier.	1,500	0	4,370
10900003923	ORA	12	0N520	405	In Irvine and Costa Mesa, from Von Karmen Avenue to west of Harbor Boulevard. Roadside safety improvements.	675	0	2,225
10900003908	ORA	12	0N510	5	In Santa Ana, from south of 4th Street to Broadway. Roadside safety improvements.	675	0	2,225
10900004133	ORA	12	0P900	5	In and near Anaheim, from Santa Ana Bridge No. 55-0811 to 0.6 mile south of Harbor Boulevard Overcrossing. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to	670	0	2,330
10900004197	ORA	12	0P910	5	In Anaheim, from north of Anaheim Boulevard to Santa Ana Street. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	600	0	2,400
10900004043	ORA	12	0Q300	5	In Anaheim, on the northbound Harbor Boulevard offramp; also on the southbound Harbor Boulevard onramp. Modify traffic signal system and apply High Friction Surface Treatment (HFST).	1,285	18	1,925
10900004140	ORA	12	0P920	5	In Anaheim, from Santa Ana Street Overcrossing (OC) to 0.3 mile south of Magnolia Avenue OC. Enhance highway worker safety by paving miscellaneous areas, install access gates and relocate irrigation facilities away from the edge of	600	0	2,400
10900004138	ORA	12	0P930	5	In Fullerton and Buena Park, from Magnolia Avenue to Stanton Avenue; also on Route 91, from Stanton Avenue to Brookhurst Street (PM R2.8/1.2). Enhance highway worker safety by access trails and access gates, relocating facilities away	600	0	2,400
10900004014	ORA	12	0N630	55	In Tustin, on the 4th Street northbound offramp. Modify traffic signals and install additional lighting.	527	11	964
10900003913	ORA	12	0N530	55	In the city of Orange, from La Veta Avenue to Route 91. Roadside safety improvements.	740	0	2,360
10900003916	ORA	12	0N720	73	In the cities of San Juan Capistrano, Laguna Nigel, Laguna Hills, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Route 5 to Route 405. Upgrade highway safety features.	3,330	58	19,700
10900004021	ORA	12	0N840	73	In Laguna Beach, on southbound Route 73, from Route 133 to 0.2 mile north of Route 133. Modify superelevation, install drainage inlets, place Open Graded Asphalt Concrete (OGAC) and place pavement delineation.	637	0	1,390
10900003952	ORA	12	0N860	73	In Newport Beach, on the Route 73 southbound off-ramp to MacArthur Boulevard. Widen ramp, install traffic signal and guardrail.	2,000	518	8,878
10900003924	ORA	12	0L722	74	Near San Juan Capistrano, from east of Antonio Parkway/La Pata Avenue to west of Conrock entrance. Landscape and plant establishment project.	400	20	1,470
10900003973	ORA	12	0P030	74	In the Cleveland National Forest, from 0.9 mile west of San Juan Fire Station to the Orange/Riverside County line. Super elevation corrections, shoulder widening, Open Graded Asphalt Concrete (OGAC) overlay and apply High Friction Surface	7,791	1,737	42,817
10900004044	ORA	12	0Q040	91	In Buena Park, on the 91 eastbound connector from northbound Route 39 (Beach Boulevard). Overlay Hot Mix Asphalt (HMA) Open Graded Friction Course (OGFC).	360	0	860
10900003971	RIV	08	1G870	215	In Murrieta, from 0.2 mile north of Clinton Keith Road Overcrossing to 0.5 mile south of Scott Road Overcrossing. Install concrete barrier at edge of shoulder.	1,332	20	3,760
10900004004	RIV	08	1H140	60	In Moreno Valley, at the Sunnymead Boulevard eastbound onramp. Install traffic signal.	943	189	1,212
10900003273	RIV	08	0Q180	60	Near Beaumont, from Gilman Springs Road to 1.4 miles west of Jack Rabbit Trail. Construct left and right shoulders for westbound direction.	3,500	450	28,700
10900003585	RIV	08	1C850	74	Near Lake Elsinore, from the Orange County line to Monte Vista Street. Widen for standard lane widths and shoulders and construct ground-in rumble strips.	6,524	40	58,585
10900004012	RIV	08	1G670	79	Near Temecula, from 3.1 miles north of Route 371 to 1.1 miles south of Pauba Road. Construct 8 foot shoulders and rumble strip.	9,600	2,456	50,972
10900003879	SBD	08	1C29U	10	In Loma Linda and Redlands, from Richardson Street Overcrossing to 0.1 mile west of Wabash Avenue Overcrossing. Roadside safety improvements.	1,045	40	8,237
10900003881	SBD	08	1C300	10	In Redlands and Yucaipa, from Wabash Avenue to County line Road. Construct roadside safety improvements.	775	50	2,261

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10900003885	SBD	08	1C720	15	Near Barstow, from 0.3 mile south of Harvard Road to Rasor Road. Regrade and flatten median cross slope.	1,810	60	18,218
10900003972	SBD	08	1E060	18	In Victorville, from Amargosa Road to Cobalt Road. Construct raised curb median.	2,070	1,364	6,137
10900004243	SBD	08	1H770	215	In the city of San Bernardino, from 0.2 mile south of Orange Show Road/ Auto Center Drive to 0.2 mile north of Inland Center Drive. Lane reconfiguration and pavement widening.	2,680	41	8,398
10900003980	SBD	08	1F770	247	In and near Barstow, from 0.1 mile north of Boone Road to 0.7 mile south of Rimrock Road. Construct ground-in shoulder and centerline rumble strips.	1,320	70	2,503
10900003887	SBD	08	0R150	40	Near Essex, from west of Kelbaker Road to Essex Road. Regrade and flatten median cross slope.	5,500	5,210	24,378
10900003889	SBD	08	0R142	40	In and near Needles, from 4.5 miles east of Homer Wash to Arizona State line. Regrade and flatten median cross slope.	5,200	5,206	21,934
10900003966	SBD	08	1G450	62	In Twentynine Palms, from 0.1 mile west of to 0.4 mile east of Utah Trail. Install traffic signals meeting current Americans with Disabilities Act (ADA) Standards, crosswalks and flashing beacon system.	883	67	1,416
10900003979	SBD	08	1F780	95	Near Needles, from Route 62 to 0.8 mile south of Route 40. Construct ground-in shoulder and centerline rumble strips.	1,350	40	1,840
10900003847	VEN	07	31650	118	In Simi Valley, from First Street to Yosemite Street. Construct Maintenance Vehicle Pullouts (MVPs) and access roads, pave gore areas, install smart irrigation controllers and access gates. Plant vines at bridge wingwalls.	2,046	49	4,542
10900004109	LA	07	33250	2	In Los Angeles County, in Angeles National Forest, from 0.3 mile east of Bay Tree Road to 0.7 mile west of Big Pines Highway at various locations. Upgrade existing guardrail and install new guardrail, and install stormwater Treatment Best In San Fernando and Sylmar, from Pacoima Wash to Balboa Boulevard. Construct Maintenance Vehicle Pullouts (MVPs), access roads and gates, relocate irrigation facilities, pave beyond gore and under guardrail.	3,690	48	19,107
10900004056	LA	07	31990	5	In the cities of Monterey Park, Rosemead, and El Monte, from 0.7 mile west of South Fremont Avenue Undercrossing to 0.5 mile east of Durfee Avenue Undercrossing. Upgrade twenty-seven overhead sign posts, associated	1,817	47	3,728
10900004128	LA	07	33030	10	In and near Santa Clarita, from Canyon Park Boulevard to Spring Canyon Road Undercrossing. Place vegetation control under guardrail, minor concrete beyond	2,455	731	5,991
10900004057	LA	07	32000	14	gore, slope pave beneath abutments, rock blanket at narrow areas, cable mesh	1,506	74	4,017
10900004142	LA	07	32760	39	Near Azusa, from 0.9 mile north of North Fork San Gabriel Bridge No. 53-2245 to 0.2 mile north of Crystal Lake Road (PM T32.1 to 38.4). Upgrade guardrail and end treatments to current standards.	2,379	30	5,474
10900004118	LA	07	32480	57	In and near Diamond Bar, from Orange County line to 0.1 mile west of Hospital Overcrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond	768	37	3,551
10900004153	LA	07	32960	101	gore areas and construct biofiltration swales. In the city of Los Angeles, from Wilton Place Overcrossing to Barham Boulevard	2,038	35	4,650
10900004171	LA	07	33650	110	Overcrossing. Place minor concrete at narrow paving areas and slopes, pave areas beyond gore, replace fencing and gates, install sign post sleeves and	2,431	88	3,257
10900004059	LA	07	31970	110	In and near Carson, from West Anaheim Street to E 228th Street. Construct Maintenance Vehicle Pullouts (MVPs), rock blankets, access roads fences/gates, stairways to access slopes, relocate controller cabinets and signs.	1,972	102	3,391
10900004123	LA	07	33680	118	In the city of Los Angeles, from Exposition Boulevard to Temple Street. Pave beyond gore, slope paving under structures, construct Maintenance Vehicle	2,336	216	4,182
10900004154	LA	07	32970	170	Pullouts (MVPs), upgrade end treatment to Smart cushion crash attenuator and In the cities of Granada Hills and Porter Ranch, from 700 feet west of Tampa	1,839	75	4,287
10900004092	LA	07	32180	405	Avenue to Woodley Avenue. Construct Maintenance Vehicle Pullouts (MVPs),	1,940	83	3,467
10900004185	LA	07	33870	405	pave beyond gore, repave side slopes, relocate irrigation controller, and provide In the cities of Los Angeles and North Hollywood, from 170/134 Junction to Oxnard	1,942	131	5,117
10900004124	LA	07	33890	605	Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), access	1,717	62	2,720
10900004161	LA	07	33050	710	trail, minor concrete beyond gore and along ramps, rock blanket at ramps, install In Long Beach and Carson, from the Route 710/405 Interchange to Route 110/405	2,191	22	3,621
10900004061	LA	07	31930	Var	Interchange. Construct access roads, pave around gore areas, construct	2,165	22	2,968
10900004177	VEN	07	33230	33	Maintenance Vehicle Pullouts (MVPs), minor/patterned concrete paving on In various cities, from 405/110 Junction to north of 405/105 Junction. Construct	2,120	104	4,630
10900004178	VEN	07	32560	101	Maintenance Vehicle Pullouts (MVPs), access road, rock blanket at islands and	2,037	66	7,032
10900004125	VEN	07	33900	101	between ramps and upgrade irrigation systems. In and near Lakewood, from Los Angeles County line to 183rd Street. Construct	3,750	115	8,470
10900004173	VEN	07	33110	101	Maintenance Vehicle Pullouts (MVPs), anchor assemblies for sign post sleeves, access roads, cable railing, and gates.	2,125	49	11,526
10900004188	SBD	08	0R170	40	In the cities of South Gate, Bell Gardens and Commerce, from 800 feet north of Rosecrans Avenue to Atlantic Boulevard. Construct Maintenance Vehicle Pullouts	5,100	2,375	31,788
					(MVPs), pave narrow and gore areas, install fences/gates. In Los Angeles and Ventura Counties, on various routes and locations. Upgrade and install new curve warning signs.			
					Near Ojai, north of North Fork Matilija Creek Bridge No. 52-450. Widen the roadway by 4 feet, upgrade rock block barrier, and place High Friction Surface Treatment (HFST).			
					In and near Thousand Oaks, from Los Angeles County line to 0.3 mile north of Camarillo Springs Road. Construct access trails and Maintenance Vehicle			
					Pullouts (MVPs), relocate irrigation facilities, install access gates, railings and In and near various cities, at various locations, from 0.2 mile south of Lakeview			
					Canyon Road to Hobson Road Undercrossing. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails.			
					In and near various cities, at various locations, from 0.2 mile north of Westlake Boulevard to 0.3 mile north of Hobson Road. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and			
					Near Barstow, from 1.4 miles east of Fort Cady Road Overcrossing to Crucero Road Undercrossing. Regrade median cross slopes.			

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SHOPP Lump Sum by Category and Fund Type

Dollars x \$1000

10900004134	SBD	08	0R141	40	Near Needles, from Essex Road Overcrossing to 4.5 miles east of Homer Wash Bridge. Regrade median cross slopes.	5,800	5,306	29,000
10900004155	IMP	11	42500	Var	In San Diego and Imperial Counties, at various locations, on Routes 7, 8, 78, 79, 86, 94, 98, 111, 115, 186, and 188. Upgrade and install curve warning signs.	810	0	2,174
SHOPP - Collision Reduction Total:						183,807	41,295	730,646

Southern California Association of Governments
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2018

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Emergency Response									
	10900004037	LA	07	4X970	1	In Malibu, south of Big Rock Drive. Shoreline embankment restoration by installing Rock Slope Protection (RSP) armament.	4,000	5,850	6,050
	10900004265	RIV	08	1H910	74	Near Mountain Center, from east of Black Burn Road to east of McCall Park Road. Permanent restoration of storm damaged culverts and eroded roadway embankment slope.	2,663	310	5,606
	10900003932	RIV	08	1G000	95	Near Blythe, from north of Palo Verde Dam Road to the San Bernardino County line. Restore storm eroded embankments with rock slope protection and replace culverts. A previous Emergency Opening EA 08-1F800 repaired roadway.	1,827	663	10,632
	10900004205	SBD	08	1H390	15	Near Hesperia, from Cleghorn Road Undercrossing to Route 138 at the southbound Cajon Truck Facility. Reconstruct southbound truck scale that was destroyed by the Blue Cut Fire.	774	30	2,696
	10900004001	SBD	08	1H271	15	In Victorville, near Palmdale Road (Route 18) and Route 15. Restore vegetation and irrigation system due to fire damage.	699	64	1,638
	10900003964	SBD	08	1G740	15	Near Baker, at 1.6 miles south of Afton Road Overcrossing. Reconstruct eroded earthen dike that protects the highway from inundation and flooding. The failed section of berm is located 750 yards from the southbound 1-15 outside shoulder.	1,540	230	2,231
	10900003977	SBD	08	1H290	173	Near Cedar Glen, at 0.1 mile south of Hospital Road. Widen shoulder and replace guard rail with concrete barrier mounted on soldier pile wall.	1,793	103	3,721
	10900004041	SBD	08	1H400	40	In Barstow, at 0.4 mile east of Route 15/40 Separation. Reconstruct a damaged section of trapezoidal channel.	1,170	30	7,926
	10900003933	SBD	08	1G010	62	Near Vidal Junction, from west of Route 95 to west of Parker Dam Road. Restore storm eroded embankments with Rock Slope Protection (RSP). A previous Emergency Opening EA 08-1F660 repaired roadway.	2,181	183	10,375
	10900003963	VEN	07	31820	1	In Ventura County, south of Point Mugu State Park (PM 4.0) and Sycamore Canyon Road (PM 4.2). Construct secant walls at two locations as a permanent slope restoration solution to stabilize the slope and prevent continued erosion. Two	3,100	866	29,779
	10900004040	VEN	07	33350	1	Near Point Mugu State Park, at Big Sycamore Creek No. 52-0011. Shoreline embankment restoration by replacing Rock Slope Protection (RSP), constructing seawalls and secant retaining wall, and upgrade guardrail.	5,540	1,442	14,979
	10900004221	VEN	07	34290	118	Near Moorpark, from Sand Canyon Road to Balcom Canyon Road. Permanent restoration of slope damage by constructing retaining wall, paving shoulder, and placing Rock Slope Protection (RSP).	3,850	528	7,402
SHOPP - Emergency Response Total:							29,137	10,299	103,035

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SHOPP Lump Sum by Category and Fund Type

Dollars x \$1000

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Mandates									
	10900003784	LA	07	31770	1	In Los Angeles and Ventura Counties, on various routes, at various locations. Stabilize soil and erosion control.	1,710	155	2,317
	10900003786	LA	07	30490	1	In various cities, from Calle Mayor to Ventura County line; also on Routes 23 and 27, at various locations. Construct storm water treatment Best Management Practices (BMPs).	2,761	489	6,431
	10900003796	LA	07	26080	10	In the cities of Los Angeles, Alhambra, El Monte, Monterey Park and Rosemead, from Central Avenue to Cogswell Road; also on Route 405, from Cherry Avenue to South Alameda Street (PM 4.8/8.5). Construct storm water treatment Best	6,305	1,058	29,500
	10900003807	LA	07	31140	101	In the city of Los Angeles, from Beaudry Avenue to 0.1 mile south of N. Gower Street. Stabilize soil and erosion control.	1,510	78	5,511
	10900003811	LA	07	31740	105	In Willowbrook and Lynwood, from Main Street to Mona Boulevard. Storm water mitigation including planting of vegetation and the installation of irrigation systems.	1,040	80	4,015
	10900003813	LA	07	30700	107	In Torrance, from Route 1 to Redondo Beach Boulevard. Construct curb ramps and reconstruct driveways/sidewalks to meet Americans with Disabilities Act (ADA) Standards.	3,514	2,278	7,054
	10900003816	LA	07	27610	110	In the cities of Los Angeles and Carson, from L Street to 223rd Street. Construct storm water treatment Best Management Practices.	2,508	365	11,800
	10900003818	LA	07	23830	110	In the city of Los Angeles, from 120th Street to 3rd Street at various locations. Construct gross solid removal devices, biofiltration devices and detention basin.	2,595	40	13,234
	10900003822	LA	07	31160	134	In and near Burbank, from Bob Hope Drive to Victory Boulevard/Riverside Drive. Stabilize soil and erosion control.	1,170	78	3,418
	10900004115	LA	07	33470	164	In and near South El Monte, on Rosemead Boulevard (SR-164) from Gallatin Road to Rush Street. Relinquishment Financial Contribution Only (FCO) to the county of Los Angeles.	0	0	1,500
	10900003789	LA	07	28830	2	In Los Angeles County, in various cities on routes 60, 66, 164 and 210 at various locations. Construct and install storm water treatment Best Management Practices (BMPs).	3,442	145	8,990
	10900003827	LA	07	25940	210	Near Sylmar, San Fernando and Sunland, from Route 5 to Wheatland Avenue. Construct storm water treatment Best Management Practices (BMPs) to reduce Trash Total Maximum Daily Load (TMDL).	4,300	206	18,000
	10900003831	LA	07	30170	210	In the cities of Monrovia, Duarte, Irwindale and Azusa, from Myrtle Avenue to Azusa Avenue. Stabilize soil and erosion control.	1,319	60	4,716
	10900003833	LA	07	30660	213	In the cities of Rancho Palos Verdes, Lomita and Los Angeles, from W 25th Street to W Carson Street at various locations. Upgrade curb ramps, sidewalks and driveways to meet Americans with Disabilities Act (ADA) Standards.	4,587	3,050	8,000
	10900003804	LA	07	30650	66	In La Verne and Pomona, from Baseline Road to Towne Avenue. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) Standards.	3,253	1,000	4,900
	10900003839	LA	07	30440	710	In East Los Angeles, from Route 5 to north of Floral Drive; also on Route 60 (PM R2.9/R3.8), from west of Marina Avenue Pedestrian Overcrossing to Mednick Avenue. Stabilize soil and erosion control.	964	93	4,563
	10900004145	ORA	12	0P690	1	In Laguna Beach, from 7th Avenue to north of Moss Street. Upgrade existing curb ramps, sidewalks, and driveways to Americans with Disabilities Act (ADA) Standards.	3,399	5,985	5,460
	10900003904	ORA	12	0M820	1	In Laguna Beach, from south of Ruby Street to Ledroit Street. Upgrade pedestrian facilities to Americans with Disabilities Act standards.	3,050	4,815	9,928
	10900004051	ORA	12	0P660	1	In Newport Beach, from 815 feet south of Reef Point Drive to 1,850 feet north of Crystal Heights Drive. Restore bioswales.	899	0	2,328
	10900003922	ORA	12	0N730	142	In Brea, from east of Chino Hills State Park entrance to east of Olinda Drive. Storm water mitigation.	1,706	580	4,320
	10900003906	ORA	12	0P090	5	In San Juan Capistrano, from El Horno Street to south of Junipero Serra Road; also in Irvine, from Route 133 to south of Sand Canyon Avenue (PM 23.2/R23.7). Reconstruct slopes and apply vegetation to control sediment transport.	1,000	50	3,379
	10900004105	ORA	12	0Q270	57	In and near Brea, from south of Lambert Road to Los Angeles County line (PM R22.551). Construct storm water treatment Best Management Practices (BMPs) in the form of new detention basin to reduce Trash Total Maximum Daily Load	2,087	0	8,297
	10900003917	ORA	12	0M090	74	In San Juan Capistrano, from Route 5 to the San Juan Capistrano city line. Upgrade pedestrian facilities to meet current Americans with Disabilities Act (ADA) Standards.	1,230	722	2,748
	10900004020	RIV	08	0R302	111	In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb ramps.	1,547	5,464	7,890
	10900003870	RIV	08	1C660	215	In Murrieta and Menifee, from Route 215 to north of Scott Road. Stabilize slopes to decrease sediment transport.	2,979	30	8,289
	10900003863	RIV	08	1C590	74	In and near Lake Elsinore, from 1.7 miles east of El Cariso Road to Lehr Drive. Stabilize slopes to decrease sediment transport.	762	30	3,413
	10900003866	RIV	08	1F590	74	In Hemet, from Warren Avenue to Soboba Street. Construct and upgrade pedestrian facilities to current Americans with Disability Act (ADA) Standards.	2,525	497	4,073
	10900003868	RIV	08	1F600	79	In Hemet, from East Florida Avenue to East Menlo Avenue. Construct and upgrade pedestrian facilities to current Americans with Disability Act (ADA) Standards.	1,350	3,179	2,108
	10900004036	SBD	08	0R432	38	At various locations, from Eagle Mountain Drive to Route 38/18 Separation. Sediment control and stabilization.	86	200	776

SHOPP Lump Sum by Category and Fund Type

Dollars x \$1000

10900003845	VEN	07	31130	101	In the city of Ventura, from south of Seaward Avenue to Ventura River. Stabilize soil and erosion control.	1,291	44	2,782
10900003848	VEN	07	31150	126	In Santa Paula, from Peck Road to Santa Paula Creek. Stabilize soil and install irrigation system.	1,046	132	3,810
10900003849	VEN	07	30670	150	In and near cities of Ojai and Santa Paula, from Route 33 to Route 126. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) Standards.	1,908	656	5,549
10900004176	LA	07	33200	10	In the city of Los Angeles, from Bundy Drive Undercrossing to Sepulveda Boulevard Undercrossing; also on Route 405 from Olympic Boulevard to National Boulevard Undercrossing (PM 29.1/30.8). Install irrigation system and plant	1,551	26	2,309
10900004062	LA	07	31950	10	In Claremont and Pomona, from east of N. Orange Grove Avenue Undercrossing to east of S. Indian Hill Boulevard Undercrossing; also on Route 71, from north of 9th Street to south of Route 60/71 Interchange (PM 1.9/4.7). Construct permanent	4,200	294	13,600
10900004090	LA	07	32040	60	In and near South El Monte, Industry, Hacienda Heights, and Rowland Heights, from Peck Road to Nogales Street. Construct and install stormwater quality Best Management Practices (BMPs).	4,406	130	12,232
10900004120	LA	07	32500	60	In and near Diamond Bar, from Fullerton Road to Diamond Bar Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips and Gross Solids Removal Devices (GSRDs).	3,129	55	7,403
10900004108	LA	07	32330	60	In and near Pomona, from Phillips Ranch Road to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin and media filters.	4,065	105	8,458
10900004129	LA	07	33310	72	In Whittier, from Valley Home Avenue to Esperanza Avenue. Construct and upgrade curb ramps, sidewalks, driveways, pedestrian pathways, Class III bikeway	4,900	5,600	7,981
10900004058	LA	07	32010	101	lanes, Accessible Pedestrian Signals (APS) and push buttons to meet current In the city of Los Angeles, from Routes 5/10/60/101 Interchange to Figueroa Street. Plant vegetation an install supporting irrigation system to stabilize soil.	1,430	80	3,650
10900004180	LA	07	32530	118	In the cities of Granada Hills and Porter Ranch, from Topango Canyon Boulevard to Sepulveda Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention	4,900	225	11,245
10900004093	LA	07	32200	118	In the city of Los Angeles, from Arleta Avenue to Route 210. Construct stormwater treatment Best Management Practices (BMPs).	6,000	550	15,250
10900004114	LA	07	33370	138	In Palmdale, from Route 14 Junction (South) to Avenue T. Upgrade curb ramps, traffic signals and sidewalks to meet current standards.	4,490	2,104	11,610
10900004091	LA	07	32080	164	In the cities of Wittier, South Monte and Rosemead, from Gallatin Road to Rudell Underpass. Upgrade curb ramps, sidewalks and pathways to meet current	4,184	1,868	8,517
10900004136	LA	07	32680	210	Americans with Disabilities Act (ADA) Standards. In La Crescenta and La Canada Flintridge, from west of Sunland Boulevard to Baseline Road, near the San Bernardino County line. Reconstruct curb ramps to	8,400	6,548	11,480
10900004100	LA	07	32310	210	meet Americans with Disabilities Act (ADA) Standards, install Accessible In and near Azusa, from 0.1 mile east of Highland Avenue Undercrossing to S. Citrus Avenue Overcrossing. Construct and install stormwater treatment Best	4,726	226	13,143
10900004202	LA	07	32260	210	Management Practices (BMPs) including biofiltration swales and Austin Vault In Glendora, at various locations from 0.2 mile east of S. Barranca Avenue	4,304	303	9,879
10900004150	LA	07	32850	210	Overcrossing to 0.1 mile west of Amelia Avenue Undercrossing. Construct and install various stormwater treatment Best Management Practices (BMPs)	4,501	229	10,290
10900004089	LA	07	32020	405	In and near La Verne, at various locations from 0.4 mile east of S Lone Hill Avenue Undercrossing to 0.2 mile west of Base Line Road Overcrossing. Construct	2,200	60	5,022
10900004170	LA	07	32150	605	stormwater treatment Best Management Practices (BMPs) including Gross In the cities of Los Angeles, Van Nuys, and San Fernando, from Burbank Boulevard	4,705	45	18,606
10900004122	LA	07	33610	605	to Route 5/405 Separation. Plant vegetation, install irrigation, concrete paving, rock blankets and mats.	4,995	274	11,602
10900004191	LA	07	33930	605	In the cities of Los Alamitos, Cerritos, Lakewood, Bellflower and Norwalk, from Orange County line to Route 5. Construct stormwater treatment Best	6,050	298	16,221
10900004192	LA	07	33940	605	Management Practices (BMPs) including biofiltration swales/strips, detention In and near Santa Fe Springs, from Santa Ana Freeway Undercrossing to 0.1 mile	5,547	326	19,495
10900004175	LA	07	33180	710	north of Rose Hills Road Overcrossing. Install stormwater treatment Best Management Practices (BMPs).	1,850	66	4,670
10900004098	VEN	07	32270	1	Near El Monte, at various locations, from 0.1 mile south of Peck Road	5,150	166	14,090
10900004102	VEN	07	32320	33	Overcrossing to 0.1 mile north of Valley Boulevard Undercrossing. Construct and	5,600	5,241	10,279
10900004190	VEN	07	33920	118	install stormwater treatment Best Management Practices (BMPs) including	3,000	4,565	5,444
10900004169	VEN	07	33600	118	Near El Monte, from 0.2 mile south of Route 10 to 0.2 mile north of Route 210. Construct and install stormwater treatment Best Management Practices (BMPs)	2,911	54	7,691
10900004195	IMP	11	42780	98	including biofiltration swales/strips, Gross Solids Removal Devices (GSRDs) and In the city of Los Angeles, from 3rd Street to Route 10 Interchange. Install	819	0	2,802
					irrigation systems and plant vegetation to stabilize soil.			

SHOPP - Mandates Total:	175,856	60,997	472,068
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Southern California Association of Governments
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2018

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Misc									
	10900004022	SBD	08	1H660	15	At Clyde V. Kane northbound (NB) and southbound (SB) Safety Roadside Rest Areas (SRRA); also at Valley Wells, NB and SB SRRA (PM 161.2).	674	43	1,448
	10900004216	LA	07	33320	5	Transportation infrastructure improvement for zero-emission vehicle charging. In Kern County, at the Tejon Safety Roadside Rest Area (SRRA) (PM 0.8). Install concrete pavement solar panels along the rest area shoulders.	840	81	3,079
	10900004112	LA	07	33300	5	In and near the city of Los Angeles, from Ditman Avenue southbound offramp to Route 134; also on Route 2 (PM R18.7) and Route 101 (PM 11.8). Multi-objective	3,450	172	21,027
	10900004214	RIV	08	1H060	74	Asset Management project that includes widening and extending deceleration In and near Hemet, from Winchester Road to Fairview Avenue. Multi-objective project to rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to meet Americans with Disabilities Act (ADA) Standards.	8,140	5,797	35,382
SHOPP - Misc Total:							13,104	6,093	60,936

SHOPP Lump Sum by Category and Fund Type

Dollars x \$1000

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Mobility									
	10900004081	LA	07	32720	1	In and near Santa Monica, from Lincoln Boulevard to McClure Tunnel; also on Route 10 (PM 2.1/18.3), Route 2 (PM R18.7), Route 101 (PM 11.8), and Route 105 (PM R1.95). Upgrade the existing Transportation Management System	3,698	370	20,548
	10900004084	LA	07	33780	101	In various cities, from Routes 5/10 to Route 405, Route 2 at Route 134 (PM R18.7) and Route 10 at Route 5/10 (PM 18.3). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras,	3,446	175	11,581
	10900004032	LA	07	33500	110	In the cities of Los Angeles, Wilmington, and Carson, from Gaffey Street to Route 405; also on Route 210 (PM R0.0/R35.8), Route 605 (PM 19.9/26.0), Route 710 (PM 5.0/9.4) and Route 2 (PM R18.7). Install wireless Bluetooth™ detection	240	10	1,673
	10900003815	LA	07	31200	110	In the cities of San Pedro, Carson, Gardena and Los Angeles, from Gaffey Street to Route 5; also on Route 2 at the Transportation Management Center (TMC) Building (PM 18.7), Route 5 at Route 10 Interchange (PM 16.9) and Route 405 at	3,740	807	34,000
	10900004085	LA	07	33790	134	In the city of Los Angeles, from Route 170 to Routes 210/710; also on Route 2 at Route 134 (PM R18.7), on Route 10 at Routes 5/10 (PM 18.3), and on Route 101 near Pleasant Valley Road (PM 11.8). Upgrade Transportation Management	3,294	167	9,512
	10900003836	LA	07	30510	405	In Van Nuys, near Satcoy Street. Replace and install Weigh-in-Motion (WIM) system.	1,511	12	3,085
	10900004082	LA	07	32710	60	In and near the city of Los Angeles, from EB Route 60/5 Separation to Route 605; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 10 (PM 18.3), and Route 605 (PM 20.2). Upgrade the existing Transportation Management System (TMS)	1,058	198	8,124
	10900003837	LA	07	31190	605	In various cities, from Orange County line to Route 210; also on Route 2 at the Transportation Management Center (TMC) (PM R18.7) and Route 5 (PM 6.8). Upgrade Transportation Management System (TMS).	2,319	2	13,052
	10900004083	LA	07	33860	91	In and near Carson, from Route 110 to Orange County line; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 405 (PM 21.1). Upgrade the existing	3,141	740	13,088
	10900004087	ORA	12	0P680	1	Transportation Management System (TMS) elements to improve traffic In the cities of Newport Beach, Huntington Beach and Seal Beach, from Crystal Heights Drive to First Street. Replace traffic signals, upgrade non-standard curb	6,190	1,435	16,462
	10900004126	ORA	12	0N890	133	ramps to meet Americans with Disabilities Act (ADA) Standards and modify In Irvine, from southbound 5/SB 133 Connector to southbound 133/NB 405	4,727	905	19,470
	10900004215	ORA	12	0H045	405	Connector. Construct a new auxiliary lane to improve traffic flow. In Irvine, from Route 133 to Sand Canyon Avenue; also from Sand Canyon Avenue to University Drive/Jeffery Road. Construct southbound auxiliary lanes.	0	0	8,200
	10900004035	ORA	12	0P670	5	In and near Anaheim, from south of Route 22 to south of Route 39; also on Route 57 (PM 10.7/16.6) and Route 91 (PM R2.6/R4.1 and (PM 0.0/7.2). Create interoperability of Transportation Management System (TMS) by upgrading	6,030	320	17,323
	10900003911	ORA	12	0G950	55	In the cities of Santa Ana and Tustin, from Dyer Road onramp to Edinger Avenue offramp. Construct northbound auxiliary lane.	3,700	27,200	15,900
	10900003920	ORA	12	0N490	91	In Anaheim, at the Commercial Vehicle Enforcement Facility (CVEF) Peralta Weigh Station (Eastbound). Rehabilitate and upgrade CVEF.	2,015	10	8,179
	10900003909	ORA	12	0P42U	Var	In the cities of Orange, Anaheim, Santa Ana, Fullerton and Buena Park, from PM 33.0 to PM 43.2; also on Route 57, from PM 10.7 to PM 16.6; also on Route 91, from PM R2.6 to PM R4.1 and PM 0.0 to PM 7.2. Install and modify Intelligent	3,353	180	10,850
	10900004088	ORA	12	0Q690	Var	At various locations, on various routes. Replace and upgrade existing field elements for the Traffic Management System (TMS).	2,060	24	8,330
	10900003968	RIV	08	1G192	91	In the cities from Corona and Riverside, from Route 15/91 separator to Adams Street overcrossing. Convert existing limited access HOV lanes to continuous	129	20	625
	10900004019	RIV	08	1H530	Var	access HOV lanes to allow safer ingress and egress movements for HOV. In Riverside and San Bernardino Counties, on various routes and at various	1,258	100	5,534
	10900004033	SBD	08	38423	10	locations. Repair and replace vehicle detection equipment impacting the operations of the District Transportation Management Center (TMC). In and near Redlands, from Route 210/10 Junction to the Riverside County line.	1,300	20	9,254
	10900003896	SBD	08	1G210	210	Install wireless Vehicle Detection Stations (VDS) pole, Changeable Message Signs (CMS), Closed Circuit Television (CCTV), Data Node Cabinet and Fiber	525	29	3,142
	10900004034	SBD	08	47642	215	In Rancho Cucamonga and Fontana, from East Avenue to west of Beech Avenue; also on Route 15, at Route 210/15 Separation. Install Transportation Management System (TMS) elements.	1,218	47	11,168
	10900003892	SBD	08	0E33U	60	In and near the city of San Bernardino, from Route 215/10 Connector to Route 215/15 Junction; also on Route 259, from Route 259/215 Separation to Route 259/210 Junction. Install wireless Vehicle Detection Stations (VDS), Changeable	6,870	730	28,062
	10900004086	SBD	08	0G790	71	In Ontario, from Haven Avenue to Milliken Avenue/Hamner Avenue. Construct auxiliary lane and widen connector and ramps. Near Chino Hills, from the Los Angeles County line to the Riverside County line;	1,922	212	12,824
	10900004172	VEN	07	33100	101	also in Riverside County, from San Bernardino County line to Route 91 (PM R0.0 to PM R3.0). Replace and upgrade existing communication elements and install	1,550	28	2,856
	10900004152	LA	07	32880	5	In Thousand Oaks and Camarillo, from Wendy Drive to Pleasant Valle Road, at the northbound and southbound Commercial Vehicle Enforcement Facilities. Replace	2,550	30	2,050
	10900004116	LA	07	33520	110	concrete slabs and repair and replace asphalt concrete. In Santa Clarita, from 0.4 mile north of Rye Canyon Road to 1.4 miles south of	3,772	0	1
	10900004065	LA	07	20490	405	Route 5/126 Interchange. Replace office structure and inspection enclosure and upgrade floor slab lighting with LED lighting. In Pasadena and South Pasadena, at the Fair Oaks Avenue northbound offramp.	2,703	170	4,463
	10900004194	VEN	07	34160	118	Widen ramp from two lanes to four lanes. The city of South Pasadena will Advertise, Award, and Administer (AAA) the project construction contract. In the city of Sherman Oaks, at southbound onramp from Ventura Boulevard. Widen	1,100	60	1,550
						the onramp to two lanes plus a High Occupancy Vehicle (HOV) lane. In and near Moorepark, at the eastbound and westbound Commercial Vehicle			
						Enforcement Facilities. Construct new modular office facility and install overhead truck scale on/off message signs.			

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2018

10900004130	SBD	08	1G550	40	Near Newberry Springs, at 5.6 miles east of Fort Cady Road Overcrossing. Replace the existing Weigh-in-Motion (WIM) system to meet current standards.	903	43	2,800
SHOPP - Mobility Total:						76,322	34,044	303,706

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SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2018

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Roadside Preservation									
	10900003852	RIV	08	1F560	10	In Riverside County, on Routes 10, 62, 74, 86, and 111 at various locations. Advance Mitigation. (Financial Contribution Only)	150	7,615	0
	10900003888	SBD	08	0G860	40	Near Needles, west of Goffs Road at John Wilkie Safety Roadside Rest Area (SRRA). Reconstruct safety roadside rest areas.	3,340	20	7,640
	10900004162	LA	07	33070	210	In La Crescenta and La Canada Flintridge, from Lowell Avenue to Arroyo Boulevard. Restore existing irrigation to functionality, upgrade remaining older irrigation controllers to web connect "smart controllers."	1,452	30	4,911
SHOPP - Roadside Preservation Total:							4,942	7,665	12,551

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Dollars x \$1000

2018

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Roadway Preservation									
	10900003903	IMP	11	42060	115	In Imperial County, from north of Alamo River Bridge to north of Gonder Road. Culvert replacement.	536	0	607
	10900003902	IMP	11	42050	78	In Imperial County, from west of Midway Well Road to east of Mitchell Camp Road at various locations. Culvert replacement.	586	0	888
	10900004053	LA	07	32160	1	In and near Redondo Beach, from Orange County line to south of Topaz Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, cold plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized	6,566	2,474	45,904
	10900004054	LA	07	32580	1	In and near Redondo Beach, from Topaz Street to Dewey Street. Upgrade Americans with Disabilities Act (ADA) curb ramps and metal beam guardrail, repair concrete pavement, replace asphalt concrete pavement with Portland	8,730	2,680	54,670
	10900003787	LA	07	31690	1	In Santa Monica, at McClure Tunnel Bridge No. 53-0008. Enhance safety lighting inside tunnel.	742	65	7,083
	10900003788	LA	07	31350	1	In the cities of Los Angeles and Malibu, from south of Tenesca Canyon Road to Ventura County line; also in Ventura County, from Los Angeles County line to Tonga Street (PM 0.0/0.9). Rehabilitate culverts.	5,200	10,050	10,650
	10900003798	LA	07	30390	10	In Baldwin Park and West Covina, from Route 605 to Citrus Avenue. Rehabilitate roadway.	9,375	170	0
	10900003809	LA	07	30750	101	(G13 Contingency) In the cities of Los Angeles, Calabasas and Agoura Hills, from Route 170 to Kanan Road. Rehabilitate pavement, construct and upgrade Americans with Disabilities Act (ADA) curb ramps.	2,594	2,513	11,602
	10900003814	LA	07	31180	107	In Torrance, from Route 1 to Redondo Beach Boulevard. Pavement rehabilitation.	1,426	100	12,644
	10900003817	LA	07	31380	110	Near Gardena, south of Redondo Beach Boulevard. Replace culvert.	1,435	70	4,020
	10900003821	LA	07	31170	134	In the cities of Los Angeles, Burbank, Glendale and Pasadena, from Route 170 to Route 210. Rehabilitate pavement, upgrade guardrail and Americans with Disabilities Act (ADA) curb ramps to current standards.	4,773	630	39,769
	10900003823	LA	07	31370	134	In Glendale, from east of Concord Street Overcrossing to west of Chevy Chase Drive Undercrossing at three locations. Restore culvert systems.	1,400	60	2,985
	10900003825	LA	07	31040	138	Near Gorman and Lancaster, from Route 5 to Route 14. Rehabilitate pavement.	2,320	150	23,994
	10900004068	LA	07	33760	14	In the City of Santa Clarita, near southbound offramp to Sierra Highway. Replace damaged drainage system that includes seventeen culverts.	2,437	33	3,981
	10900003826	LA	07	30960	210	In the city of Los Angeles, from Route 5 to North Wheatland Avenue. Rehabilitate roadway.	6,500	990	136,500
	10900003834	LA	07	25310	213	In Rancho Palos Verdes, from Caddington Drive to Peninsula Verde Drive. Replace two damaged drainage systems.	1,157	570	2,085
	10900003791	LA	07	31750	5	In the cities of Los Angeles, Hollywood, Long Beach and Signal Hill from Simons Underpass to Eastern Avenue; on Routes 101, 405 and 710 at various locations. Replace 9 pump plants.	1,398	40	6,303
	10900004055	LA	07	33800	5	In the city of Los Angeles, on the northbound connector at the Route 5/110 Separation. Replace compromised 18 inch Reinforced Concrete Culvert (RCP).	3,257	133	4,116
	10900003793	LA	07	30970	5	In San Fernando, from Route 118 to Route 210. Rehabilitate roadway.	6,723	270	0
	10900003794	LA	07	31360	5	(G13 Contingency) Near Pyramid Lake, 4.4 miles north of Templin Highway. Remove and replace two sections of damaged reinforced concrete pipe.	530	40	2,354
	10900003801	LA	07	30450	57	In and near Diamond Bar, from the Orange County line to Route 60. Pavement rehabilitation.	9,900	80	88,920
	10900003803	LA	07	31730	60	In various cities, from Route 5 to San Bernardino County line; also on Route 710, from Ocean Boulevard to Valley Boulevard (PM 5.6/T27.4). Replace existing signs with retro-reflective sheeting.	1,479	20	3,821
	10900004069	LA	07	32030	605	In various cities, from Orange County line to Telegraph Road. Replace structural section on lanes 3 and 4 and other damaged concrete slabs on other lanes. Cold plane and overlay Rubberized Hot Mix Asphalt (RHMA-G) on right shoulders and	11,250	175	0
	10900004070	LA	07	32550	605	In the cities of Inwindale and Baldwin Park, from Route 10 Interchange to the end of the freeway at Route 210. Grind mainline pavement and replace damaged slabs with Jointed Plain Concrete Pavement (JPCP) rapid strength concrete and/or	8,231	2,859	22,652
	10900003840	LA	07	31340	710	In the cities of Los Angeles and Monterey Park, from Olympic Boulevard to Ramona Boulevard. Rehabilitate culverts.	255	97	1,412
	10900004031	ORA	12	0H150	1	In Laguna Beach and Newport Beach, from 1,000 feet south of Vista Del Sol to Moss Street; also from Ledroit Street to Newport Coast Drive (PM 10.5/14.1). Remove and replace existing pavement with Rubberized Hot Mix Asphalt (RHMA).	3,200	465	8,810
	10900004244	ORA	12	0H151	1	In Laguna Beach, from 7th Street to Moss Street. Remove and replace pavement and with Rubberized Hot Mix Asphalt (RHMA).	0	0	3,985
	10900004245	ORA	12	0H153	1	In Laguna Beach, from south of Ruby Street to Ledroit Street. Remove and replace pavement with Rubberized Hot Mix Asphalt (RHMA).	0	0	4,305
	10900003905	ORA	12	0N930	1	In Newport Beach, from north of Superior Avenue to 60th Street. Rehabilitate drainage system.	650	10	1,495

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10900004077	ORA	12	0P590	1	In Huntington Beach, from Warner Avenue to Los Angeles County line. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	4,652	1,356	11,128
10900003967	ORA	12	0Q360	133	In Orange County, from 0.3 mile south of El Toro Road to 0.2 mile north of Route 73/133 Interchange. Construct detention basin, reconstruct channel, extend reinforced concrete box and regrade to prevent adverse flow.	2,837	2,233	3,283
10900003910	ORA	12	0N920	22	In Garden Grove, at Haster Street westbound offramp. Upgrade drainage system.	644	356	1,617
10900004079	ORA	12	0F970	39	In Buena Park, from Auto Center Drive to Craig Avenue. Rehabilitate drainage systems, install new inlets, Reinforced Concrete Pipes (RCP) and replace flood damaged sections of curb and gutters.	870	567	3,132
10900004078	ORA	12	0P700	5	In San Clemente, adjacent to northbound Avenida Pico offramp. Restore hydraulic capacity of channel by repairing concrete panels in channel slope and bottom.	1,415	126	5,383
10900004080	ORA	12	0P580	90	In and near Brea, from Harbor Boulevard to Randolph Avenue. Cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1,727	129	10,477
10900003919	ORA	12	0N320	91	In the city of Anaheim, from west of Lakeview Avenue to Orange/Riverside County line. Pavement rehabilitation.	1,740	0	7,490
10900003850	RIV	08	1F372	10	In Riverside County, on Routes 10, 15, 71 and 215 at various locations. Replace existing guide signs with Type XI reflectivity.	1,055	55	10,283
10900004071	RIV	08	1C081	10	In and near Coachella, from 0.5 mile east of Coachella Canal to Hazy Gulch Bridge. Cold plane pavement and overlay with Portland Cement Concrete (PCC). Construct eastbound truck climbing lane. A one-lane temporary detour will be	22,800	100	0
10900004072	RIV	08	1C082	10	Near Blythe, from Rice Road/SR-177 to Teed Ditch Bridge. Cold plane mainline pavement and overlay with Portland Cement Concrete (PCC). The shoulders and ramps will be milled and overlaid with Hot Mix Asphalt (HMA-A). A two lane	38,700	163	0
10900004196	RIV	08	1C083	10	In and near Blythe, from Teed Ditch Bridge to Arizona State line. Cold plane mainline pavement and overlay with Portland Cement Concrete (PCC). The shoulders and ramps will be milled and overlaid with Hot Mix Asphalt (HMA-A). A	30,000	127	0
10900003858	RIV	08	1F141	15	In and near Temecula, from Rainbow Valley Boulevard to Front Street. Rehabilitate roadway.	2,214	20	40,071
10900003860	RIV	08	1F142	15	In and near Terra Cotta, from Nichols Road to north of Glen Ivy. Concrete pavement slab replacement.	2,034	20	24,109
10900003861	RIV	08	1F143	15	In and near Corona, from south of Ontario Avenue to Route 60. Concrete pavement slab replacement.	1,952	20	28,811
10900003862	RIV	08	1F371	60	In the cities of Eastvale, Jurupa Valley, Riverside and Moreno Valley, from Hamner Avenue to Gilman Spring Road; also on Route 91, from Route 15 to Madison Street. Replace existing guide signs with retro-reflective sheeting.	385	25	1,802
10900003512	RIV	08	1C090	60	Near Beaumont, from Gilman Springs Road to 1.4 miles west of Jack Rabbit Trail. Rehabilitate pavement.	0	0	15,000
10900003650	RIV	08	1E840	62	In and near Yucca Valley and Twentynine Palms, from north of Indian Avenue to Utah Trail; also in San Bernardino County (PM 0.0/15.1 and PM 29.3/33.6). Pavement rehabilitation.	4,250	3,319	0
10900003864	RIV	08	1E770	74	Near Lake Elsinore, at 0.8 mile west of Grand Avenue. Stabilize slope to protect safety of traveling public.	390	30	1,482
10900003867	RIV	08	1F690	79	Near Temecula, from San Diego County line to Temecula city limits. Pavement rehabilitation.	800	27	9,542
10900003882	SBD	08	0K121	15	In and near Fontana and Rialto, from Sierra Avenue to Glen Helen Parkway. Rehabilitate roadway.	1,470	20	28,923
10900003883	SBD	08	0K122	15	In Hesperia and Victorville, from Oak Hill Road to south of Bear Valley Road. Rehabilitate roadway.	6,200	220	0
10900003884	SBD	08	0K123	15	(G13 Contingency) In Barstow, from Outlet Center Drive to Mojave River Bridge. Rehabilitate pavement.	1,800	20	28,898
10900004075	SBD	08	0G691	18	In and near Arrowhead, from 48th Street to Route 138. Repair, reline and replace culverts.	1,832	1,625	8,244
10900003897	SBD	08	1F362	210	In San Bernardino County, on Routes 71, 210, 215 and 259 at various locations. Replace existing guide signs with Type XI reflectivity.	915	42	2,694
10900003901	SBD	08	1E780	330	Near Smiley Park, from 6.9 miles south of Running Spring to 3.4 miles east of Fork City Creek Bridge. Construct rockfall barrier to stabilize hillside slopes.	770	50	3,555
10900003886	SBD	08	0G800	38	Near Big Bear Lake, from Zaca Road to Route 18. Replace culverts.	1,640	2,597	3,197
10900003890	SBD	08	1F361	60	In Pomona, Chino and Ontario, from Los Angeles County line to Riverside County line. Replace existing signs with retro-reflective sheeting.	414	22	1,521
10900003893	SBD	08	1F133	62	Near Vidal, from 3.8 miles west of Route 95 to Arizona State line. Rehabilitate pavement and upgrade guardrail.	915	152	13,974
10900003894	SBD	08	1F131	95	Near Needles, from Route 62 to south of Havasu Lake Road. Rehabilitate pavement.	770	75	11,067
10900003895	SBD	08	1F132	95	Near Needles, from Goffs Road to Nevada State line. Rehabilitate pavement.	350	75	5,079

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10900003846	VEN	07	30240	101	Near Sea Cliff, from Padre Juan Canyon Road Overcrossing to Punta Gorda Pedestrian Undercrossing. Rehabilitate roadway.	1,800	270	21,370
10900003844	VEN	07	30250	23	In and near cities of Thousand Oaks and Moorpark, from Route 101 to Route 118. Rehabilitate pavement.	8,389	960	109,445
10900004113	LA	07	33360	2	In and near the city of Los Angeles, from Centinela Avenue to Cotner Avenue, North La Brea Avenue to North Oxford Avenue and North Hollywood Boulevard to Allesandro Street. Cold plane and overlay pavement, upgrade curb ramps,	6,900	198	24,810
10900004119	LA	07	32490	5	In various cities, on Route 5 (PM 19.75/35.99), Route 10 (PM 22.32/23.88), Route 91 (PM R11.80), Route 605 (PM R14.07) and Route 710 (PM 18.7/21.01). Replace pumps with submersible pumps.	1,329	87	7,056
10900004186	LA	07	33530	10	In Los Angeles County, from 4th Street Overcrossing to San Bernardino County line. Replace sign panels and remove overhead sign lighting and catwalks.	3,288	110	9,723
10900004193	LA	07	33960	14	In Santa Clarita, from 1.1 mile north of Placerita Canyon Road to 0.2 mile south of Golden Valley Road. Regrade slopes, construct drainage ditches and install erosion control system.	3,810	85	28,350
10900004066	LA	07	31600	14	In Palmdale and Lancaster, from Avenue P-8 to the Kern County line. Replace distressed lanes/shoulders, cold plane and overlay ramps, upgrade guardrail, dikes, sign panels, curb ramps and traffic loop detectors.	24,200	490	168,460
10900004117	LA	07	32440	22	In Long Beach, from Route 1 to San Gabriel Undercrossing. Cold plane pavement and overlay with Rubberized Hot Mixed Asphalt - Type G (RHMA-G), upgrade curb ramps to current Americans with Disabilities Act (ADA) Standards, install	3,193	138	6,343
10900004103	LA	07	32290	27	In and near Canoga Park, from Pacific Coast Highway to Entrada Road; also near Woodland Crest Drive to near Devonshire Street (PM 10.11/18.62). Cold plane and overlay asphalt pavement, repair damaged structural and upgrade curb ramps	5,998	1,075	36,090
10900004139	LA	07	32730	103	In Long Beach, at Henry Ford Avenue offramp. Construct larger pump plant facility including replacing undersized pumps.	3,784	2,066	26,547
10900004158	LA	07	32980	110	In various cities, from 9th Street/Gaffey Street to end of freeway. Replace sign panels with retroreflective sheeting, remove overhead lighting and catwalks.	2,760	31	6,933
10900004110	VEN	07	32390	1	In the city of Ventura, from North 101 Junction - Solimar Undercrossing to Hobson County Park Road. Cold plane and overlay pavement, upgrade guardrail/end treatment, install traffic signs and crosswalks.	2,475	74	13,550
10900004106	VEN	07	32370	150	In and near Ojai, Mira Monte and Meiners Oaks, from Burham Road to Gorham Road; also on Route 33 from 33/150 Junction to Meiners Road. Cold plane and overlay pavement, upgrade guardrail and signs.	2,100	471	7,288
10900004184	SBD	08	0G690	18	Near Big Bear and Lucerne Valley, at various locations, from Route 38 at Big Bear Lake Dam to Artic Canyon Wash. Reline or replace culverts.	2,685	3,408	5,524
10900004137	SBD	08	1G520	18	In and near Adelanto, from Route 395 Junction to Los Angeles County line. Cold plane pavement and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	2,152	142	18,808
10900004067	LA	07	32340	5	Near Castaic and Valencia, from 0.2 mile north of Lake Hughes Road Undercrossing to 0.7 mile south of Vista Del Lago Road Overcrossing. Cold plane pavement and place Rubberized Hot Mix Asphalt concrete (RHMA), repair	6,100	500	50,280
SHOPP - Roadway Preservation Total:						319,154	48,420	1,326,894